

Brevibacillus Laterosporus

1x 10¹⁰ cfu/g B. Laterosporus powder

Introduction

Brevibacillus laterosporus, formerly known as bacillus laterosporus, is plant growth-promoting rhizobacteria (PGPR) exhibit biocontrol processes including competition, antibiosis, growth promotion, and the induction of systemic resistance in plants. Moreover the pathogenicity of Brevibacillus laterosporus has been confirmed for different invertebrates like insects, nematodes and mollusks and plant pathogens.

Specification

Bacteria count : 1 x 10¹⁰ cfu/g

Fineness: 80 / 200 mesh screen wettable powder

Moisture: 8%

1 kg or 25 kg / bag or as per customers request



Application

Agriculture, Biofertilizer, Soil Treatment, Crop Protection, Foliar Spray,

Mode of action

Brevibacillus lateralis secrete a large amount of natural growth stimulants and growth-promoting factors, which can strengthen the root system, improve the ability of the root system of crops to absorb nutrients. The ability of and nutrients to make crops grow vigorously, have strong disease resistance, significant cold and drought resistance, make the root system deep, fix the plant and strengthen the root system, and have obvious rooting effect, which is more effective than other strains in promoting rooting.

Benefit

- ✓ Promote plant root growth
- ✓ Increase the nutrient uptake
- ✓ Increase the crop potential yield
- ✓ Inhibit the propagation of pathogenic
- ✓ Improve the soil structure and fertilizer utilization
- ✓ Enhance photosynthesis and reduce nitrate content
- ✓ Reduce the content of heavy metals in plants.

Dosage & Method

- Apply 3 kg per acre, before sowing/planting
- Or apply 1.5 kg +1.5 kg per acre before and after sowing/planting
- Reapply 1 kg per acre at 4 weeks interval for season-long control
- Can be applied via drench, drip-irrigation, or by spray while sowing to the cultivation medium

COMPATIBILITY:

Do not mix with alkaline compounds and fungicides; some insecticides can also affect the action of the product. Wait three days after fungicide applications. Can be used with bonding agents and emulsifiable oils.

Packing and shelf life

2 year shelf life, 1 kg per foil bag, 25 kg per bag

Storage

Store in cool, dry location, keep out of direct sunshine and moisture. Once opened, should be use it within 30 days to prevent activation. Keep out of reach of children.